

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Marshall County, Kentucky**

**Kentucky State Nature Preserves
Commission
801 Schenkel Lane
Frankfort, KY 40601
(502) 573-2886 (phone)
(502) 573-2355 (fax)**

www.naturepreserves.ky.gov

Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

Kentucky State Nature Preserves Commission
801 Schenkel Lane
Frankfort, KY 40601
(502) 573-2886 (phone)
(502) 573-2355 (fax)
email: naturepreserves@ky.gov
internet: www.naturepreserves.ky.gov

County Report of Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities of Kentucky
 Kentucky State Nature Preserves Commission

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Marshall	Vascular Plants	<i>Agrimonia gryposepala</i>	Tall Hairy Groovebur	T /	G5 / S1S2	0	1	0	0	0
Marshall	Vascular Plants	<i>Apios priceana</i>	Price's Potato-bean	E / LT	G2 / S1	0	1	0	0	0
Marshall	Vascular Plants	<i>Cabomba caroliniana</i>	Carolina Fanwort	T /	G3G5 / S2	0	1	0	0	0
Marshall	Vascular Plants	<i>Carex decomposita</i>	Epiphytic Sedge	T /	G3 / S2	1	0	0	0	0
Marshall	Vascular Plants	<i>Carex hystericina</i>	Porcupine Sedge	H /	G5 / SH	0	1	0	0	0
Marshall	Vascular Plants	<i>Carya aquatica</i>	Water Hickory	T /	G5 / S2S3	1	0	0	0	0
Marshall	Vascular Plants	<i>Gymnopogon ambiguus</i>	Bearded Skeleton-grass	S /	G4 / S2S3	0	0	0	2	0
Marshall	Vascular Plants	<i>Halesia tetraptera</i>	Common Silverbell	E /	G5 / S1S2	0	2	0	0	0
Marshall	Vascular Plants	<i>Hedeoma hispidum</i>	Rough Pennyroyal	T /	G5 / S2	1	0	0	0	0
Marshall	Vascular Plants	<i>Heteranthera limosa</i>	Blue Mud-plantain	S /	G5 / S2S3	1	0	0	0	0
Marshall	Vascular Plants	<i>Hieracium longipilum</i>	Hairy Hawkweed	T /	G4G5 / S2	1	0	0	0	0
Marshall	Vascular Plants	<i>Hydrolea ovata</i>	Ovate Fiddleleaf	E /	G5 / S1	0	0	0	1	0
Marshall	Vascular Plants	<i>Lespedeza stuevei</i>	Tall Bush-clover	S /	G4? / S3?	0	1	0	0	0
Marshall	Vascular Plants	<i>Lysimachia terrestris</i>	Swamp Candles	E /	G5 / S1	1	0	0	0	0
Marshall	Vascular Plants	<i>Oenothera perennis</i>	Small Sundrops	E /	G5 / S1S2	1	0	0	0	0
Marshall	Vascular Plants	<i>Oldenlandia uniflora</i>	Clustered Bluets	E /	G5 / S1	1	0	0	0	0
Marshall	Vascular Plants	<i>Ptilimnium capillaceum</i>	Mock Bishop's-weed	T /	G5 / S1S2	0	2	0	0	0
Marshall	Vascular Plants	<i>Ptilimnium nuttallii</i>	Nuttall's Mock Bishop's-weed	E /	G5? / S1S2	1	0	0	0	0
Marshall	Vascular Plants	<i>Scleria ciliata</i>	Fringed Nutrush	E /	G5 / S2	0	1	0	0	0
Marshall	Vascular Plants	<i>Solidago buckleyi</i>	Buckley's Goldenrod	S /	G4 / S2S3	1	0	0	0	0
Marshall	Vascular Plants	<i>Stellaria longifolia</i>	Longleaf Stitchwort	S /	G5 / S2S3	0	1	0	0	0
Marshall	Vascular Plants	<i>Trepocarpus aethusae</i>	Trepocarpus	S /	G4G5 / S3	3	0	0	0	0
Marshall	Aquatic Snails	<i>Lithasia armigera</i>	Armored Rocksnail	S / SOMC	G3G4 / S3S4	3	2	0	0	0
Marshall	Aquatic Snails	<i>Lithasia geniculata</i>	Ornate Rocksnail	S / SOMC	G3Q / S1	0	1	0	0	0
Marshall	Aquatic Snails	<i>Lithasia verrucosa</i>	Varicose Rocksnail	S / SOMC	G4Q / S3S4	3	6	0	0	0
Marshall	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	0	0	1	0	0
Marshall	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	5	0	0	0	0
Marshall	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	0	3	2	1	0
Marshall	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	6	0	0	0	0

County Report of Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities of Kentucky
 Kentucky State Nature Preserves Commission

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Marshall	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	2	0	1	2	0
Marshall	Freshwater Mussels	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	E / LE	G1 / S1	3	0	0	1	0
Marshall	Freshwater Mussels	<i>Plethobasus cyphyus</i>	Sheepnose	E / C	G3 / S1	6	0	0	0	0
Marshall	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	0	0	0	1	0
Marshall	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	1	0	0	1	0
Marshall	Freshwater Mussels	<i>Potamilus capax</i>	Fat Pocketbook	E / LE	G1G2 / S1	1	0	0	0	0
Marshall	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / C	G3G4T3 / S2	5	0	0	0	0
Marshall	Freshwater Mussels	<i>Toxolasma texasiensis</i>	Texas Lilliput	E /	G4 / S1	1	0	0	0	0
Marshall	Crustaceans	<i>Procambarus viaeviridis</i>	Vernal Crayfish	T /	G5 / S1	2	1	0	0	0
Marshall	Insects	<i>Euphyes dukesi</i>	Dukes' Skipper	S /	G3 / S1	1	0	0	0	0
Marshall	Insects	<i>Papaipema sp. 5</i>	Rare Cane Borer Moth	T /	G1G2 / S1S2	1	0	0	0	0
Marshall	Fishes	<i>Alosa alabamae</i>	Alabama Shad	E / SOMC	G3 / S1	1	0	0	0	0
Marshall	Fishes	<i>Ammocrypta vivax</i>	Scaly Sand Darter	X /	G5 / SX	0	0	0	1	0
Marshall	Fishes	<i>Esox niger</i>	Chain Pickerel	S /	G5 / S3	2	0	0	0	0
Marshall	Fishes	<i>Etheostoma proeliare</i>	Cypress Darter	T /	G5 / S2	1	3	0	1	0
Marshall	Fishes	<i>Hybopsis amnis</i>	Pallid Shiner	E / SOMC	G4 / S1	0	1	0	0	0
Marshall	Fishes	<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	S /	G4 / S2	3	1	0	0	0
Marshall	Fishes	<i>Ictiobus niger</i>	Black Buffalo	S /	G5 / S3	1	2	0	0	0
Marshall	Fishes	<i>Lampetra appendix</i>	American Brook Lamprey	T /	G4 / S2	0	0	0	1	0
Marshall	Fishes	<i>Lepomis marginatus</i>	Dollar Sunfish	E /	G5 / S1	2	0	0	0	0
Marshall	Fishes	<i>Menidia beryllina</i>	Inland Silverside	T /	G5 / S2	1	0	0	0	0
Marshall	Fishes	<i>Umbra limi</i>	Central Mudminnow	T /	G5 / S2S3	0	1	0	0	0
Marshall	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	1	0	0	0
Marshall	Amphibians	<i>Hyla avivoca</i>	Bird-voiced Treefrog	S /	G5 / S3	2	0	0	0	0
Marshall	Amphibians	<i>Hyla cinerea</i>	Green Treefrog	S /	G5 / S3	3	0	0	0	0
Marshall	Amphibians	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	S /	G4T4 / S3	8	0	1	0	0
Marshall	Reptiles	<i>Apalone mutica mutica</i>	Midland Smooth Softshell	S /	G5T5 / S3	4	0	0	0	1
Marshall	Reptiles	<i>Farancia abacura reinwardtii</i>	Western Mud Snake	S /	G5T5 / S3	2	0	0	0	0

County Report of Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities of Kentucky
 Kentucky State Nature Preserves Commission

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Marshall	Reptiles	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	T / SOMC	G3G4 / S2	0	1	0	0	0
Marshall	Reptiles	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	T / SOMC	G4T4 / S2	1	0	0	0	0
Marshall	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	1	0	0	0	0
Marshall	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Marshall	Breeding Birds	<i>Ardea alba</i>	Great Egret	E /	G5 / S1B	1	0	0	1	0
Marshall	Breeding Birds	<i>Certhia americana</i>	Brown Creeper	E /	G5 / S1S2B,S4S5 N	1	0	0	0	0
Marshall	Breeding Birds	<i>Corvus ossifragus</i>	Fish Crow	S /	G5 / S3B	2	0	0	0	0
Marshall	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	2	0	0	0	0
Marshall	Breeding Birds	<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	T /	G5 / S2B	1	0	0	0	0
Marshall	Breeding Birds	<i>Pandion haliaetus</i>	Osprey	T /	G5 / S2B	3	0	0	0	0
Marshall	Breeding Birds	<i>Sternula antillarum athalassos</i>	Interior Least Tern	E / LE	G4T2Q / S2B	1	0	0	0	0
Marshall	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	2	0	0	0	0
Marshall	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Marshall	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	3	0	0	0	0
Marshall	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	2	0	0	0	0
Marshall	Communities	<i>Acidic sub-xeric forest</i>		/	GNR / S5	0	0	0	1	0
Marshall	Communities	<i>Bottomland hardwood forest</i>		/	GNR / S3	0	0	0	1	0
Marshall	Communities	<i>Xerohydric flatwoods</i>		/	GNR / S1S2	1	0	0	0	0
Marshall County Total:						106	34	5	15	1